

Title (en)
IMAGE PROCESSING

Title (de)
BILDVERARBEITUNG

Title (fr)
TRAITEMENT D'IMAGE

Publication
EP 3520414 A1 20190807 (EN)

Application
EP 17777875 A 20170928

Priority
• EP 16191405 A 20160929
• EP 2017074632 W 20170928

Abstract (en)
[origin: WO2018060334A1] An apparatus comprises a store (201) storing images corresponding to different positions and viewing directions for a scene, and associated position parameter vectors for the images where the vector for an image comprises data indicative of a viewing position and a viewing direction. A receiver (205) receives a viewing position parameter vector from a remote client (101). A selector (207) selects a set of images in response to a comparison of the viewing position parameter vector and the associated position parameter vectors. An image synthesizer (209) generates an image from the set of images. A data generator (215) generates a reference position parameter vector for the synthesized image indicating a viewing position and direction for the synthesized image. An image encoder (211) encodes the synthesized image and an output generator (213) generates an output image signal comprising the encoded synthesized image and the reference position parameter vector. The output image signal is transmitted to the remote client.

IPC 8 full level
H04N 19/597 (2014.01); **H04N 13/00** (2018.01); **H04N 21/218** (2011.01); **H04N 21/2187** (2011.01); **H04N 21/2343** (2011.01); **H04N 21/4402** (2011.01); **H04N 21/4728** (2011.01); **H04N 21/6587** (2011.01)

CPC (source: EP KR RU US)
G06T 3/4038 (2013.01 - US); **H04N 13/117** (2018.05 - US); **H04N 13/122** (2018.05 - US); **H04N 13/128** (2018.05 - US); **H04N 13/156** (2018.05 - US); **H04N 13/161** (2018.05 - EP KR US); **H04N 13/167** (2018.05 - EP KR US); **H04N 13/189** (2018.05 - EP KR US); **H04N 13/194** (2018.05 - EP KR US); **H04N 13/282** (2018.05 - EP KR US); **H04N 19/597** (2014.11 - RU); **H04N 21/21805** (2013.01 - EP KR US); **H04N 21/2187** (2013.01 - EP KR RU US); **H04N 21/2343** (2013.01 - EP KR RU US); **H04N 21/4402** (2013.01 - EP KR RU US); **H04N 21/4728** (2013.01 - EP KR RU US); **H04N 21/6587** (2013.01 - EP KR RU US); **H04N 19/597** (2014.11 - EP KR US)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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